



MASTER LEDspot ExpertColor LV

MASTER LED MR16 ExpertColor 6.7-50W 927 24D

MASTER LEDspot LV ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. It creates such an ambience with superior lighting that has a customized spectrum, high CRI, and deep dimming feature. The result? A beautiful lighting experience. What's more, the innovative, trimless lens design will suit almost any interior decor with its clean and neat look. In addition, you can take advantage of the full ExpertColor family, which also includes LEDspot MV and LEDspot Par lamps.

Product data

General information		
Cap-Base	GU5.3 [GU5.3]	
EU RoHS compliant	Yes	
Nominal Lifetime (Nom)	40000 h	
Switching Cycle	50000X	
Light technical		
Color Code	927 [CCT of 2700K]	
Beam Angle (Nom)	24 °	
Luminous Flux (Nom)	450 lm	
Luminous Intensity (Nom)	2200 cd	
Color Designation	Warm White (WW)	
Correlated Color Temperature (Nom)	2700 K	
Luminous Efficacy (rated) (Nom)	67.00 lm/W	
Color Consistency	<3	
Color Rendering Index (Nom)	97	
LLMF At End Of Nominal Lifetime (Nom) 70 %		

Operating and electrical	
Input Frequency	- Hz
Power (Nom)	6.7 W
Lamp Current (Nom)	650 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	92 ℃
Controls and dimming	
Dimmable	Only with specific dimmers

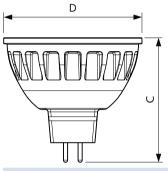
Datasheet, 2022, February 3 data subject to change

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Mechanical and housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and application	
Suitable For Accent Lighting	Yes
Product data	
Full product code	692234193702600
Order product name	MASTER LED MR16 ExpertColor 6.7-50W 927
	24D

EAN/UPC - Product	6922341937026
Order code	929003077010
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003077010
Net Weight (Piece)	0.052 kg

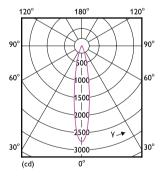
Dimensional drawing



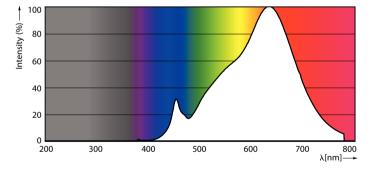
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Product D C MASTER LED MR16 ExpertColor 6.7-50W 927 24D 50.5 mm 46 mm

Photometric data



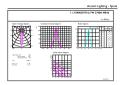
LEDspots GMGC 1 6,7W MR16 GU5,3 927 24D-LDD



LEDspots MAS IC 6,7W MR16 GU5,3 927 60D-POC

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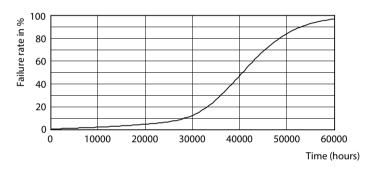
Photometric data

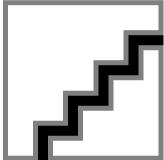


Calculus Photometrics 4.5 Philips Lighting SLV. Fago: 17

LEDspots GMGC 1 6,7W MR16 GU5,3 927 24D-ADL

Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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